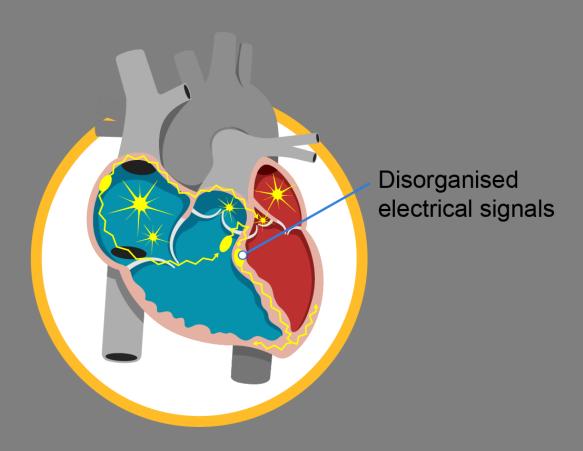
ARRHYTHMIA PROJECT

CLIENT MANUAL (PATIENT & DOCTOR)



Jaime Prats

Jaime Soler

Ángel de la Nava

María Rueda

Run the client:

When your run the client with the server waiting for clients, through console, it will appear the first menu where you can either Register or Log In if you already have an account.

In the first case, Register, you will need to enter personal information such as name, surname, email, etc. Also, you will need to enter a username and a password.

In the second case, Log In, you will need to enter your username and password. Once you entered them, through console there will be another menu showing the possible options that the client can perform.

If you are a patient, you could record the ECG using the Bitalino, you can view your signals and also you can assign the patient to an existing doctor. For the option "Record new Signal" you need to connect to a person the electrodes correctly (with the electrode ground in a bone). Then the program is going to ask you to choose between two possible Bitalinos. Once you choose the Bitalino is going to start to record in the channel 2 that corresponds to the ECG.

If you are a doctor, you can view the data from one of the patients assigned to that doctor, you can see the ECG signals of those patients, you can list your patients assigned and also the doctor can be assigned to a patient.

However, we have a problem is the options "View one of my signals" and "View signal from one of my patients" because the ECG signal is updated correctly in the database but the Java program gives us an error when we try to reach the ECG signals and we do not know how we can solve it.

Another problem that we find is that several clients can connect to the server, however, we do not know how several clients can connect to the same database. So if you try to, for example, register two patients at the same time, the console is going to print an error saying "database is locked" because we opened the connection of the same database for several clients and we have not learned during this degree to solve that kind of problem.

```
Username:mariarueda
password:mariarueda
User{username=mariarueda, password=[B@55cece8f, role=1, userId=1]
```